

**UV SG-HVAC 2350A DUCT MOUNTED
Continuously Adjustable Output
UV Ozone Generator**

Uses	The SG-HVAC 2350A is a small, duct mounted UV ozone generator designed for use in buildings, offices, hotels, and F&B outlets, spas, hallways where odors, mold, mildew and bacteria are a problem. It is capable of freshening an area of up to 20,000+ sq/ft and is especially effective on smoking floors. Installation is simple and requires just 4 small holes to be drilled in the side of the air ducting or at the AHU or FC. This unit has a variable control for continuously adjusting the output from 20 mg/hr up to 2400 mg/hr. Standard unit comes with a 10 ft cable between the control box and the 4 UV tubes. Cables up to 50 feet are available. This unit can be used alone, or in combination with the SG-OS4P1 Digital Ozone Controller. (which acts in a similar manner to a thermostat.)
Generation Method	4 High Efficiency long life (2-3 years) American made 3 rd generation UV tubes.
Supply Gas	Ambient Air
Ozone Output	FULLY ADJUSTABLE output range from 20 to 2400 mg/hr
Controls	Power On- Off rocker switch. FULLY ADJUSTABLE ozone output level control knob for precisely adjusting the ozone output level from 20-2400 mg/hr. Also available is an optional LED Electronic timer with 9 time settings, (Always on, 10, 30 min 1, 2, 4, 8, 12, 18, 36hr) or a Programmable 24/7-day 280 event digital timer.
Dimensions	Control box: 5" W X 22" H X 3" D; Tube mount with tubes installed: 12" x12" x 15.75 long (tube)
Electrical	120/220/240V, 2Amp, 140Watts maximum, 50/60 Hz
Construction	20 gauge 316 Stainless Steel
UV Tube Life Expectancy and Cost	Up to 24 months or more, depending on the output setting and maintenance frequency. Our American made replacement UV Tubes cost only \$175 ea
Maintenance	Normal duty use requires wiping the tubes with alcohol every 3-6 months. It takes less than 5 minutes! Under very dirty or dusty conditions, more frequent cleaning may be necessary.
Warranty	The HVAC 2350 electronics are warranted against defects in materials and workmanship for a period of SIX YEARS from date of purchase. The UV tubes are warranted for 2 YEARS . Liability is limited to parts and labor only. Shipping is the sole responsibility of the customer. ProMedUSA is not liable for damage caused by shipping, misuse, neglect or lack of regular cleaning or maintenance.

Control Box



Installed UV tube in Air Duct



ProMedUSA HVAC SERIES

In-Duct Mounted Adjustable Output Ozone Generators

Exclusively Manufactured in Canada and the USA
for ProMedUSA



Pictured: Model UV SG-HVAC2350A

- **Model UV SG-HVAC600A:** 600 mg/hr
 - **Model UV SG-HVAC1200A:** 1200 mg/hr
 - **Model UV SG-HVAC1800A:** 1800 mg/hr
 - **Model UV SG-HVAC2350A:** 2400 mg/hr
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- **WARRANTY UNIT:** INTERNATIONAL 6 YEAR WARRANTY
 - **WARRANTY UV TUBES:** 2 YEAR WARRANTY on our Made in USA UV Tubes
 - **UV TUBE LIFE EXPECTANCY:** 15,000 Hours, 2-3 years
 - **OZONE LEVEL OUTPUT:** Completely adjustable from 10 to 2,400 mg/hr depending upon model
 - **DIMENSIONS:** Control Unit - 13cm X 55cm X 7.5cm, Tube Mount 5cm X 5cm, UV Tubes are 39CM long
 - **POWER REQUIREMENT:** 220-240VAC, 50Hz, or 110-120VAC, 60Hz
 - **MAINTENANCE:** Once per year wipe UV Tube with alcohol swab to remove dust

LEGOLAND MALAYSIA RESORT

IMAGINATION 4D THEATRE

Installation of 2 ProMedUSA Model UV SG-HVAC2350A Duct Mounted Adjustable Output Ozone Generators



Left side of theatre
4 UV tube installation



Right side of theatre
4 UV tube installation

The theater experience in the Imagination 4D Theatre at LEGOLAND Malaysia includes a number of special effects including water spray. The theatre has carpeting and fabric covered seating. With the climate in Malaysia being hot and humid, and the interior being dark, the inside of the theatre has begun smelling musty and of mildew.

We installed 2 model UV SG-HVAC2350A Adjustable Output Ozone Generators in the air-conditioning ducts on each side of the theatre. They are timed to go on and off daily with the air-conditioning system. The adjustable output feature allows us to very precisely regulate the amount of ozone introduced into the theatre inserting just enough ozone to destroy the odours during the shows, while leaving no residual ozone behind. After 2 hours of operation, the interior of the theatre smelled fresh and clean again.

For after-hours operation, when the theatre is closed, we installed a model UV SG7000 Portable Ozone Generator inside the theatre and timed this unit to operate from 9PM to 11PM daily. This adds additional ozone during unoccupied periods to destroy residual mold and mildew.